

# Monthly Summary Sheet for March 2002

## *Gilbert and Mosley Project – Wichita, Kansas*

### **Plumes ABE Construction Activities**

CDM completed the subsurface work for the treatment building and backfilled the excavation area after the concrete tank lid for the treatment system was constructed (right), the perimeter grade beam was poured, and the utility lines were installed under the building area. Work commenced on the aboveground items, and the vertical formwork for the concrete walls of the mechanical area and the first aqueduct column were prepared (below). CDM and Gossen Livingston Associates, Inc. (GLA) continued the Phase II design efforts, and a Phase II - 60% Design package was informally reviewed and discussed with City of Wichita (City) staff.



**Anticipated April activities:** It is anticipated that the vertical concrete columns and walls for the mechanical area, public access doors, and aqueduct sections will be completed by the end of April. In addition, the floor slab and perimeter curb for the entire building will also be poured. After the walls and floor have been poured, the formwork for the waffle-slab roof will be constructed. CDM and GLA will generate a Phase II - 90% Design package to be submitted to the City for review and approval.

### **Monitoring Activities**

CDM completed the First Quarter 2002 site monitoring sampling event in accordance with the recently approved *Site Monitoring Plan for Final Interim Groundwater Remediation*. The First Quarter 2002 sampling event consisted of sampling 25 existing wells and six surface water monitoring points in February and the sampling of 43 newly installed plume wells in early March. In early March, water level measurements were recorded at 205 wells, two river staff gauges, and six bridge locations to provide data for the preparation of the site-wide potentiometric groundwater surface map.

**Anticipated April activities:** CDM will complete the *First Quarter 2002 Report, Site Monitoring Network, Gilbert and Mosley Site, Wichita, Kansas* for submittal to the City and the Kansas Department of Health and Environment (KDHE). CDM will also incorporate the new plume monitoring well information (survey and well completion data) into the site database.

### **Source Area Activities**

KDHE responded to three previously submitted source area work plan documents in a comment letter dated January 17, 2002, and CDM, in a letter dated February 27, 2002, prepared responses to these KDHE comments. Based on KDHE approval, in a letter dated March 11, 2002, of these responses, CDM conducted the Geoprobe sampling at Aero, AFS, Apco, Donlevy, Reid Supply, and TSN on March 21, 22, and 25, 2002. The results of these sampling events will be used to finalize the locations of the source monitoring well to be installed at each source area.

**Anticipated April activities:** CDM will prepare the *Draft Work Plan for Source Area Investigations and Source Control Measures Report at South Washington and English Site* for submittal to the City in early April. The source area monitoring wells will be installed based on the new Geoprobe groundwater data and approval from KDHE. CDM will also prepare a proposed source area task schedule to be submitted to the City in April.